



# Crop Weather Report

**Issue: 07-18**  
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For the Week Ending:  
July 8, 2007

## Weather Summary

Most of Montana experienced above normal temperatures with limited precipitation during last week. We had several new record high temperatures throughout the state on July 6<sup>th</sup> and 7<sup>th</sup>. Roundup for the second consecutive week had the high temperature of 108 degrees, and West Yellowstone had the low temperature of 32 degrees. Martinsdale received the most moisture at 2.42 inches. Topsoil moisture adequate and surplus is 49 percent, below last week's 69 percent but above last year's 30 percent. Subsoil moisture adequate and surplus is 60 percent, down from last week's 71 percent but above last year and the five-year average of 39 and 40 percent, respectively. The number of days suitable for fieldwork was 6.5 days, same as last week's at 6.5 days.

The weather outlook for July 16<sup>th</sup> through July 22<sup>nd</sup> is for above normal temperatures and below normal precipitation east of the continental divide and for above normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in the state are highs in the mid 70s to the upper 80s and lows ranging from 40 degrees to the upper 50s.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Topsoil Moisture</b>				
Very Short	11	4	23	16
Short	40	27	47	34
Adequate	46	58	28	48
Surplus	3	11	2	2
<b>Subsoil Moisture</b>				
Very Short	9	4	18	23
Short	31	25	43	37
Adequate	57	63	35	39
Surplus	3	8	4	1
<b>Days Suitable for Fieldwork</b>				
Days	6.5	6.5	6.8	6.2

## Field Crops Report

Hot weather and limited precipitation is affecting the conditions of all small grains. The hot weather during the past week increased the progress of some small grains to catch up with last year's levels.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Boot Stage</b>				
Barley	96	94	94	85
Oats	97	83	92	84
Spring Wheat	95	85	94	82
Durum Wheat	79	58	95	34
<b>Headed</b>				
Barley	74	64	71	57
Spring Wheat	60	35	71	53
Oats	74	41	73	55
Durum Wheat	52	19	53	34
<b>Turning</b>				
Winter Wheat	70	36	85	53
Barley	15	0	0	3
Oats	13	0	0	3
Spring Wheat	5	n/a	n/a	n/a
<b>Blooming</b>				
Dry Peas	90	83	79	n/a
Lentils	89	62	85	n/a
<b>Hay First Cutting</b>				
Alfalfa	80	57	81	66
All Other	76	55	67	52

## Livestock Report

Range and pasture feed conditions have declined from last week, but are better than last year and the five-year average. Sixty-one percent is rated good to excellent.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Range and Pasture Feed Condition</b>				
Very Poor	5	2	5	10
Poor	8	5	14	17
Fair	26	21	33	32
Good	46	46	43	35
Excellent	15	26	5	6

## Weather Information for the Week ending 07/08/2007

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	104	48	73	165	+59	0.00	-0.25	3.96	-0.85	82	14.57	+4.05	138
Anaconda	99	50	72	153	+81	0.05	-0.28	7.25	+0.89	114	13.37	+2.72	126
Clinton	102	45	73	164	+58	0.00	-0.25	6.45	+1.64	134	15.17	+4.65	144
Corvallis	102	50	74	168	+66	0.00	-0.23	3.59	-0.95	79	6.43	-3.84	63
Creston	99	49	71	148	+60	0.00	-0.46	5.22	-1.95	73	9.87	-5.55	64
Deer Lodge	96	44	68	129	+57	0.23	-0.06	6.12	+1.45	131	9.38	+1.84	124
Drummond	101	44	70	140	+45	0.00	-0.31	5.94	+0.77	115	9.68	-0.35	97
Hamilton	103	54	77	189	+87	0.00	-0.23	4.04	-0.50	89	8.02	-2.25	78
Kalispell	102	45	70	139	+53	0.00	-0.32	4.42	-1.13	80	10.32	-2.78	79
Missoula	107	54	77	192	+86	0.00	-0.25	3.86	-0.95	80	9.36	-1.16	89
Olney	100	41	67	118	+40	0.00	-0.44	3.23	-3.60	47	14.93	-4.25	78
Polson	102	51	73	165	+55	0.00	-0.35	6.68	+0.42	107	11.53	-1.34	90
St Ignatius	102	53	75	177	+70	0.00	-0.37	5.98	-0.79	88	11.33	-1.68	87
Seeley Lake	98	44	70	143	+67	0.00	-0.32	4.33	-1.44	75	14.87	-3.19	82
Sula	96	43	67	124	+55	0.00	-0.32	7.44	+1.12	118	12.82	+0.21	102
Superior	103	50	75	173	+61	0.00	-0.24	4.69	-0.21	96	14.50	+1.03	108
Swan Lake	100	33	67	119	+43	0.00	-0.39	7.52	+0.19	103	23.27	-0.12	99
Thompson Falls	99	48	71	146	+29	0.00	-0.26	5.58	-0.28	95	23.11	+3.44	117
West Glacier	98	42	70	138	+52	0.00	-0.53	6.74	-1.38	83	23.59	-0.37	98
NORTH CENTRAL													
Chester	96	52	74	166	+55	0.18	-0.21	4.35	-0.81	84	8.09	+0.52	107
Chinook	100	54	75	173	+46	0.74	+0.34	7.92	+2.19	138	11.71	+3.24	138
Choteau	98	47	70	140	+28	0.02	-0.32	3.88	-1.48	72	5.59	-1.74	76
Cut Bank	106	50	72	154	+64	0.00	-0.35	0.88	-4.98	15	1.36	-6.83	17
Ft Assinniboine	105	54	74	172	+42	0.60	+0.25	7.01	+1.72	133	10.52	+2.21	127
Fort Benton	103	56	77	186	+60	0.00	-0.37	6.83	+0.17	103	11.16	+0.38	104
Goldbutte	102	47	70	143	+48	0.00	-0.38	6.07	-0.18	97	10.19	+1.19	113
Harlem	101	52	75	177	+52	0.64	+0.16	7.97	+2.72	152	10.98	+3.12	140
Havre	105	53	76	183	+55	0.56	+0.21	6.92	+2.16	145	10.31	+2.56	133
Malta	104	55	77	190	+69	0.23	-0.31	8.12	+1.97	132	10.90	+2.12	124
Rudyard	103	52	75	178	+44	0.17	-0.22	8.01	+1.45	122	11.32	+1.38	114
Shelby	102	51	72	152	+51	0.00	-0.39	3.66	-2.34	61	7.06	-1.31	84
Turner	102	52	74	172	+51	0.49	-0.05	6.71	+0.56	109	8.54	-0.24	97
Valier	102	53	73	161	+60	0.00	-0.39	3.69	-2.31	62	5.63	-2.74	67